SHARP PARTS GUIDE

CODE : 00ZXEA301VPGE

MODEL XE-A301

PRINTER : PR-45MII
(for TQ,KB,KA)

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Parts marked with "⚠" are important for maintaining the safety of the set. be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

Table of distinations

SELECTION CODE	COUNTRIES
U	U.S.A., Guam
A	Canada
TS	Germany
TQ	SEEG territory other than Germany (Stamp:English)
TR	SEEG territory other than Germany (Stamp:English)
TM	SEEG(FRANCE:Metro-VM) (Stamp:French)
KB	U.Kingdom
KA	Australia

SELECTION CODE	COUNTRIES
K	Korea

SELECTION CODE	COUNTRIES
SB	Saudi Arabia (127V area)
SBA	Saudi Arabia (220V area)
SC	Taiwan
SD	Venezuela
SE	Hong Kong
SG	Lebanon, Syria, Greece, Pakistan, Iran, Egypt, Thailand, Iraq, Mauritius, Seychelles, Tahiti, Jordan, Sudan, Turkey
SH	South Africa (U.S.A. version)
SHE	South Africa (Europe version)
SJ	Philippines (Europe version)
SJ2	Philippines (U.S.A. version)
SM	Kuwait, Qatar, Oman, UAE, Malta, Bahrain
SMT	Nigeria, Yemen, Kenya

SELECTION CODE	COUNTRIES
RA1	Morocco, Algeria, Tunisia, West Africa
RA2	Chile, Uruguay, Peru, Argentina, Paraguay
RA5	Sri Lanka

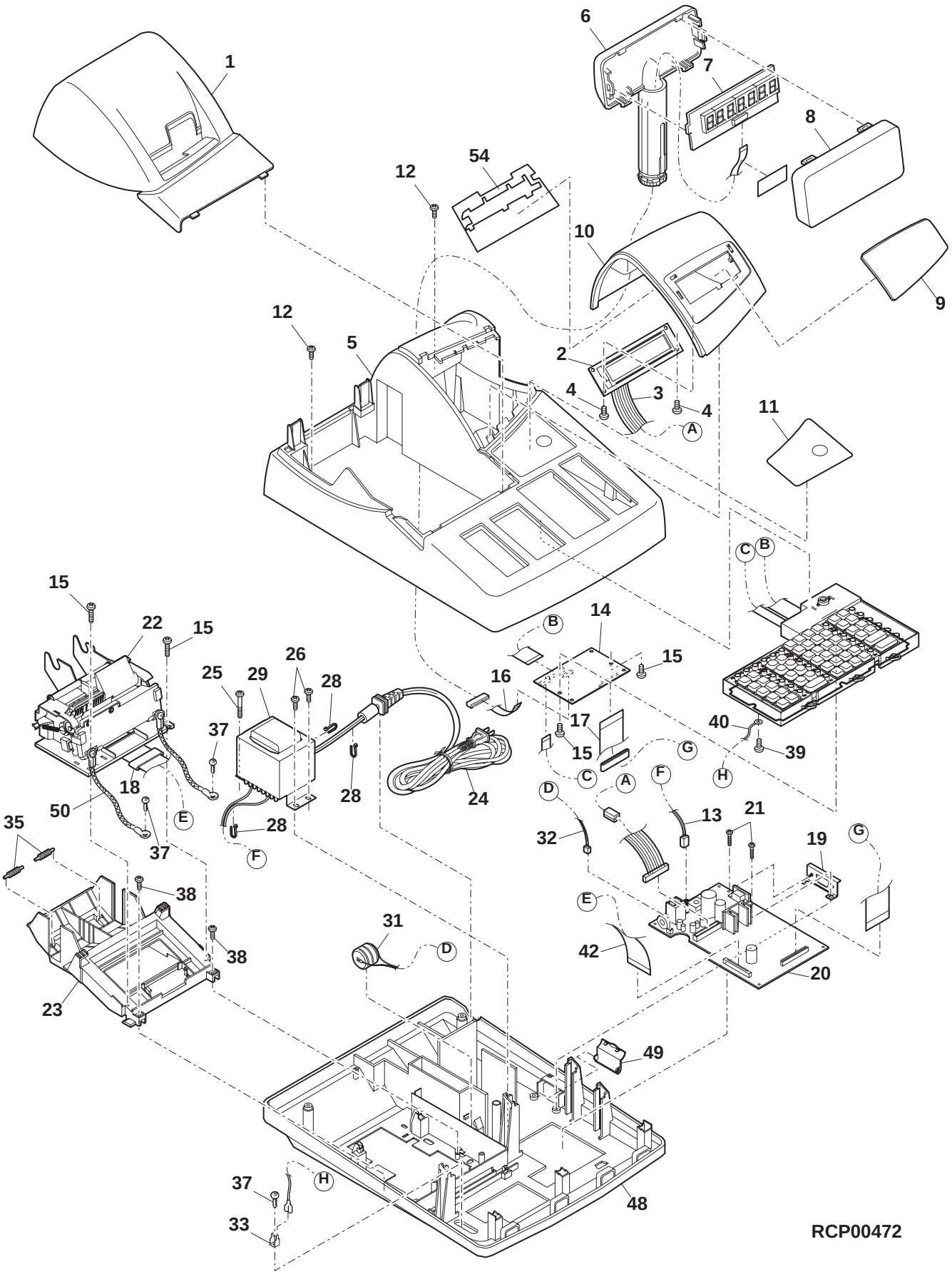
SELECTION CODE	COUNTRIES
RB3	Indonesia
RB4	
RB5	Cyprus
RB6	Panama
RB7	Barbados
RB8	Malaysia (U.S.A. version)

SELECTION CODE	COUNTRIES
RC1	Malaysia (Europe version)
RC2	Singapore
RC5	Dominican Republic, Ecuador

1 Exteruors

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	GCÖVB2525BH01	AX		D	Printer cover unit
2	DUNTK4595RCZZ	BM		E	LCD unit(M286)
3	QCNW-3185BHZZ	AW		C	LCD cable
4	XJPSD30P08000	AA		C	Screw(3×8)
5	GCABB2571BHZA	BD		D	Top cabinet
6	GCABB7861RCSA	AG	N	D	Pop up cabinet
7	CPWBF2928RCE1		N	E	POP UP PWB UNIT
8	PFiLW6961RCSG	AH		D	Pop up filter
9	HPNLH2484BHZZ	AY		D	Display panel
10	GCÖVB2526BHZZ	AS		D	Display cover
11	HDECP2004BHSM	AF	N	D	Deco panel
12	XBBSC30P06000	AA		C	Screw(3×6)
13	QCNW-3189BHZZ	AK		C	PS cable
14	CPWBF2940RC01		N	E	KEY I/F PWB UNT
15	XEBSD30P08000	AA		C	Screw(3×8)
16	QCNW-3186BHZZ	AL		C	Pop up cable
17	QCNW-3188BHZZ	AR		C	Flat cable(40P,1.25mmPitch,MAIN~KEY)
19	LANGT2849RCZZ	AC		C	RS-232C angle
20	CPWBN2939RC03		N	E	MAIN PWB UNIT [Include No.19]
21	XHBSD30P18000	AA		C	Screw(3×18)
22	Ki-ÖB2017BHZZ	CA		E	Printer unit(PR-45MII)
23	GDAi-2347BHZZ	AV		D	Printer dai
⚠	QACCE3120BHPZ	AS		B	AC cord(2.5A 2.5M) [TQ]
⚠ 24	QACCB3120QCPZ	AY		B	AC cord(13A 2.5M) [KB]
⚠	QACCL1018BHPZ	AT		B	AC cord(7.5A 2.5M) [KA]
25	XHBSD40P25000	AB		C	Screw(4×25)
26	XUBSD40P08000	AA		C	Screw(4×8)
28	LBNDJ2003SCZZ	AA		C	Cable band
⚠ 29	RTRNP2437BHZZ	BE		B	Power transformer(SEEG) [TQ]
⚠	RTRNP2438BHZZ	BE		B	Power transformer(KA/KB) [KB,KA]
⚠ 31	UBATZ6661BHZZ	AS		B	Battery(Ni-MH)
32	QCNW-3187BHZZ	AE		C	Battery cable
33	QTANZ6661RCZZ	AC	N	C	TAB terminal
35	NRÖLP6651RCSC	AC	N	C	P/P roller
37	XHBSD30P04000	AA		C	Screw(3×4)
38	XEBSD30P12000	AA		C	Screw(3×12)
39	XJPSD30P06000	AA		C	Screw(3×6)
40	QCNW-3202BHZZ	AE		C	GND wire(TOP~BOTTOM)
42	QCNW-3184BHZZ	AS		C	Printer flat cable(40P)
48	GCABA2572BHZA	BC		D	Bottom cabinet
49	GCÖVH2530BHZZ	AE		D	RS232C cover
50	QCNW-7121RCZZ	AD		C	Printer GND wire
54	PSHEP3006BHZZ	AT		C	Display sheet

1 Exteruors



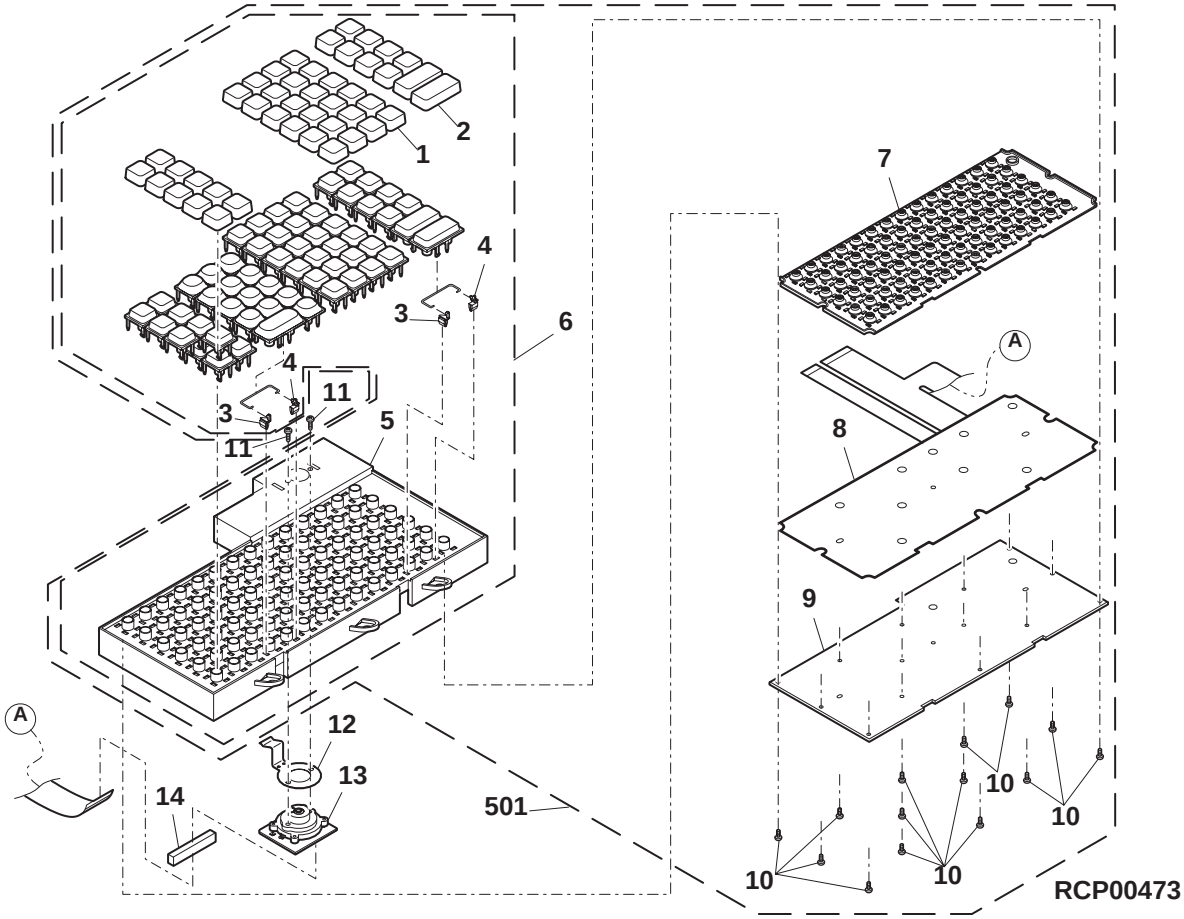
2 Keyboard unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	JKNBZ2424BHZZ	AG		C	Key cap(1×1)
2	JKNBZ2425BHZZ	AN		C	Key cap(1×2)
3	LHLDZ6837BHZZ	AE		C	Holder L(WHITE)
4	LHLDZ6836BHZZ	AE		C	Holder R(YELLOW)
5	LFRM−2366BHZZ	BC		D	Key frame
6	CKNBZ2399BH06		N	C	KEY TOP UNIT
7	PGUMM2447BHZZ	BA		C	Key rubber
8	CSHEP2943BHSA	BD		C	Key sheet assy'
9	LPLTM2368BHZZ	AY		C	Keyboard plate
10	XJPSD30P06000	AA		C	Screw(3×6)
11	XJPSD30P06000	AA		C	Screw(3×6)
12	LANGQ7604RCZZ	AD	N	C	M/SW EARTH ANGLE
13	LKGiW0001BHZA	AS		B	Mode sw(body)
14	QCNCM7136BHZZ	AB		C	Connector(MLX 5229-13APB)
501	Ki−ÖK2018BH03		N	E	KEYBOARD UNIT [Include No.1~10]

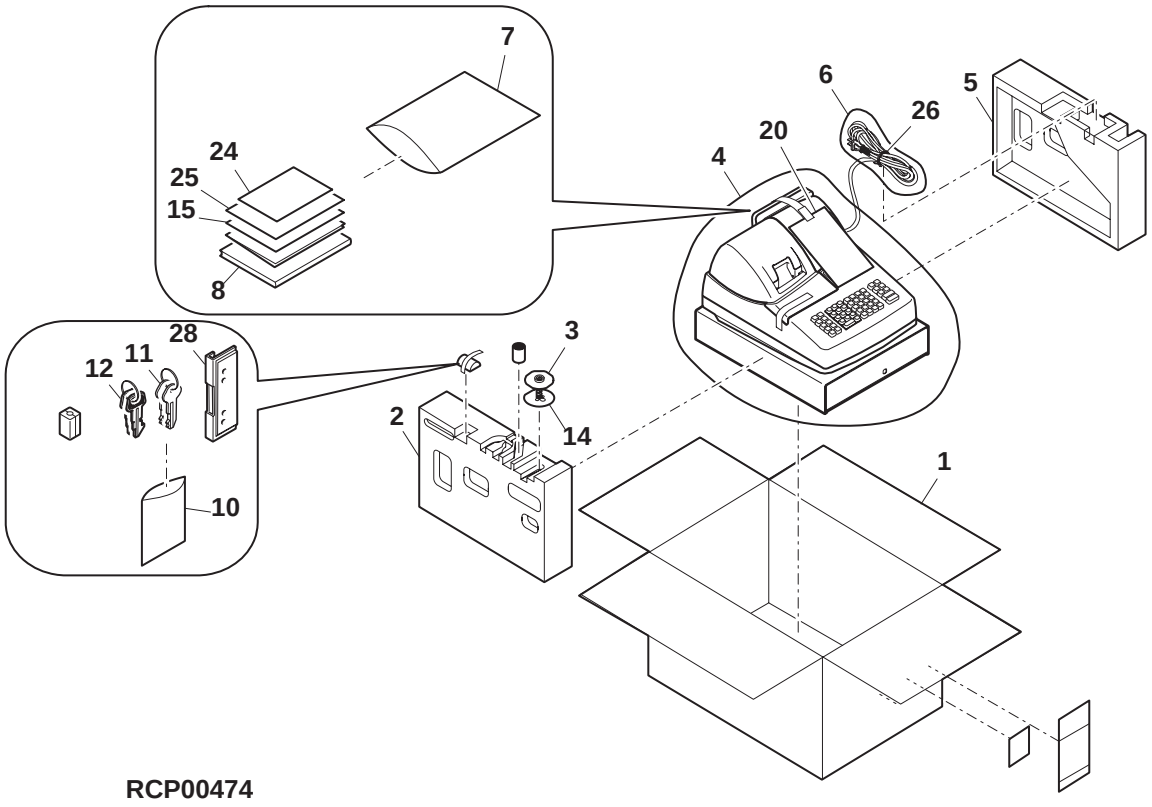
3 Packing material & Accessories

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	SPAKC3318RCZZ		N	D	PACKING CASE
2	SPAKA3189RCZL		N	D	PACKING ADD L
3	NGERH2317BHZZ	AR		C	Spool
4	PSHEP6681RCZZ	AC		D	Sheet
5	SPAKA3189RCZR		N	D	PACKING ADD R
6	SSAKH4231CCZZ	AA		D	Vinyl bag(140×500mm)
7	SSAKH3015CCZZ	AA		D	Vinyl bag(200×300mm)
8	TiNSM2498RCZZ	BC	N	D	Inst book
10	SSAKH3012CCZZ	AA		D	Vinyl bag(80×120mm)
11	LKGiM7331BHZZ	AE		B	Lock key(1pc)
12	LKGiM7110BHZZ	AE		B	MA key(MA)
	LKGiM7111BHZZ	AE		B	OP key(OP)
14	PGiDH2394BHZZ	AK		C	G/wheel
15	TGANE6642BHSB	AG		D	Warranty card [KB]
	TGANE1001BHSA	AG		D	Warranty card [KA]
20	TCADH6788BHZA	AC		D	Caution card(Black)
24	TCADZ2001BHZA	AM		D	Install card [KA]
25	TiNSN7240BHZZ	AF		D	Battery dispose card [TQ]
26	UBNDA6630BHZZ	AK		C	AC cord band(4mm×200mm)(Green)
28	LANGK7613RCZZ	AG	N	C	Fix angle B

2 Keyboard unit



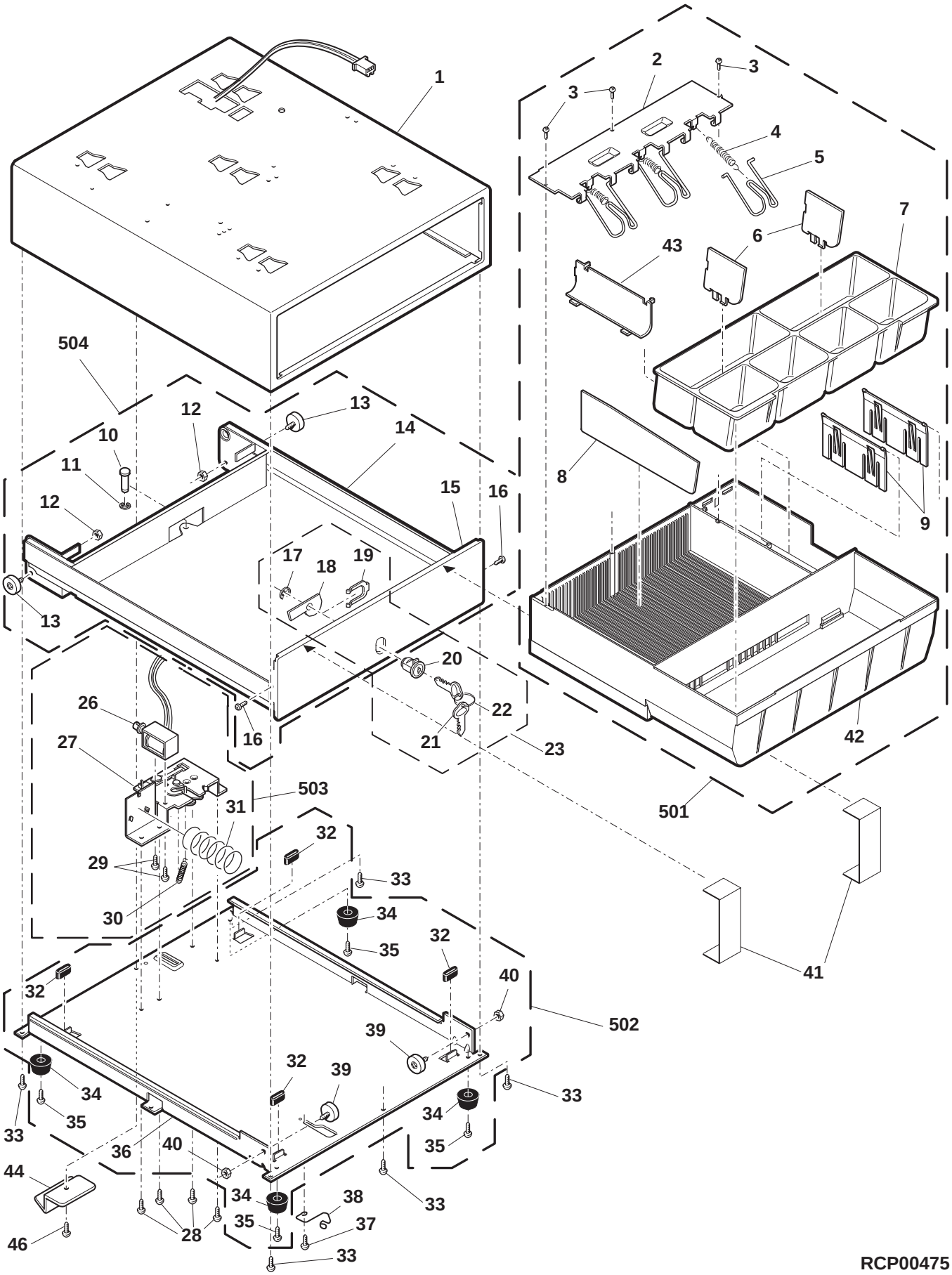
3 Packing material & Accessories



4 Drawer box unit (SK-420type)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	CCABM2588BHZZ	BL		D	Cabinet unit
2	LPLTM6709BHZZ	AS		C	Bracket
3	XUPSD30P08000	AA		C	Screw(3×8)
4	MSPRT6714BHZZ	AE		C	Bill spring
5	MLEVF6695BHZZ	AK		C	Bill lever
6	LPLTP6712BHZZ	AK		C	Coin separator
7	GCASP6701BHZZ	AV		D	Coin case
8	PSKR-6628BHZZ	AG		C	Separator
9	LPLTP6710BHZZ	AK		C	Bill plate
10	LPiN-6650BHZZ	AA		C	Lock pin
11	XRESJ40-06000	AA		C	E type ring(4mm)
12	XNESD60-50000	AA		C	Nut(M6)
13	NRÖLP6650BHZZ	AL		C	Roller
14	CDRW-6681BH02	BE		D	Case frame unit
15	GCÖVA7147BHSA	AT		D	Front cover
16	XHSSD30P06000	AA		C	Screw(M3×6)
17	XRESJ50-06000	AA		C	E type ring(5mm)
18	MCAMM6633BHZA	AE		C	Lock cam
19	MSPRK6718BHZZ	AF		C	Lock key spring
20	LKGiW7330BHZZ	AM		B	Lock key (body)
21	LKGiM7331BHZZ	AE		B	Lock key(1pc)
22	PRNGT6637BHZZ	AA		C	Key ring
23	DUNT-1306BHZA	AX		E	Lock key unit
26	RPLUR2320BH01	AY		B	Solenoid + Drawer cable
27	CFRM-6701BH01	AY		D	Lock frame unit
28	XBPSD40P06K00	AA		C	Screw(4×6K)
29	LX-BZ6775BHZZ	AA		C	Screw(3×5) [SOL]
30	MSPRT6713BHZZ	AD		C	Open lever spring
31	MSPRC6712BHZZ	AF		C	Push out spring
32	PGUMM6695BHZZ	AE		C	Stopper gum
33	LX-BZ6778BHZZ	AA		C	Screw(3×8)
34	PGUMM6727BHZZ	AE		C	Gum leg
35	XHBSD40P08000	AA		C	Screw(4×8) [FOR GUM LEG]
36	LPLTM6708BHZA	BC		D	Bottom plate
37	XHPSC30P08000	AA		C	Screw(3×8) [FOR ERATH SPRING]
38	MSPRB6751BHZZ	AF		C	Earth spring
39	NRÖLP6650BHZZ	AL		C	Roller
40	XNESD60-50000	AA		C	Nut(M6)
41	SPAKA8375BHZZ	AD		D	Paper pad
42	GCASP6700BHZC	BC		D	Money case(3B/8C)
43	LPLTP6711BHZZ	AP		C	Bill guide
44	LANGK7612BHZZ	AF		C	Fixing angle-A
46	XHPSD30P08000	AA		C	Screw(3×8)
501	CCASP6700BH08	BK		E	Money case unit(5B/8C)
502	CPLTM6688BH10	BH		E	Bottom plate unit
503	DUNTM5818BH01	BL		E	Lock unit [Include No.24~27,29~31]
504	CDRW-6683BH01	BL		E	Drawer case unit [Include No.10~16]
	(Unit)				
901	GBÖXD7161BH02		N	E	DRAWER BOX UNIT

4 Drawer box unit (SK-420type)



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5 Main PWB unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
1	LANGT2849RCZZ	AC		C	RS-232C angle	
2	LX-BZ2189BHZZ	AA		C	Screw	(for FIXED HEAT SINK)[Q16]
3	PRDAF2374BHZZ	AM		C	Heat sink	(for KTD998)[Q16]
4	PRDAF2381BHZZ	AK		C	Heat sink(PQ1CG2032FZ)	(for PQ1CG2032FZ)[IC31]
5	QCNCM1060AC03	AB		C	Connector(Short Pin 3P)	[SP1]
6	QCNCM1101BHZZ	AC		C	Connector(5273-2)(2P)	[CN8]
7	QCNCM6879RC1F	AD		C	Connector(16pin)	[CN1]
8	QCNCM7057BHZZ	AB		C	Connector(5045-3)(3pin)	[CN2]
9	QCNCM7207BH4J	AQ		C	Connector(40P)(6229ZiF DIP)	[CN6]
10	QCNCW1057ACZZ	AB		C	Connector(Short socket)	[SP1]
11	QCNCW2946BHZZ	AL		C	Key relay connector(40p)(52045-4045)	[CN5]
12	QCNCW7081BHZZ	AB		C	Connector(2P)(5267-02A)(Blue)	[CN9]
13	QCNW-7766BHZZ	AE		C	GND wire	[GND2~GND4]
⚠ 14	QFS-C2521TAZZ	AE		A	Fuse(T2.5AL/250V)	[F4]
15	QFSHD2109AFZZ	AC		C	Fuse holder(HD2109AF)	[F4]
⚠ 16	QFS-K2005BHZZ	AF		A	Fuse(LT-5 T400mAL/250V)	[F2]
⚠ 17	QFS-K2007BHZZ	AF		A	Fuse(LT-5,T500mA/250V)	[F3]
⚠ 18	QFS-K2008BHZZ	AF		A	Fuse(LT-5,T2.0A/250V)	[F6]
⚠ 19	QFS-K2009BHZZ	AF		A	Fuse(T1.6A/250V(LT-5)	[F1]
⚠ 20	QFS-K2315BHZZ	AF		A	Fuse(LT5 T1.0AL/250V)	[F5]
22	QSOCN2328BHZZ	AH		C	D-SUB Connector(DBR50-09K1300)	[CN7]
23	QSOCZ2042SC32	AE		C	IC socket(32pin)	[IC12]
24	QSW-S0744AFZZ	AG		B	Reset switch(SSS312)	[S1]
25	RALMB5006SCZZ	AD		B	Buzzer(EFB-RD22C01)	[BZ1]
26	RC-EZ106ARC1A	AD		C	Capacitor(10WV 10μF)	[C31,C48]
27	RC-EZ2262RC1A	AG		C	Capacitor(22μF/10V)	[C87]
28	RCiLC6653BHZZ	AS		C	Choke coil(180μH)	[L1A,L2]
29	RCORF2345BHZZ	AD		C	Chip coil(CIM31J601NE)	[FB32,FB33,FB34,FB35,FB36,FB37]
30	RCORF7002BHZZ	AE		C	Chip core(EFCB322513TS)	[FB5,FB6,FB7,FB8,FB9,FB10,FB11,FB12,FB13,FB14]
	RCORF7002BHZZ	AE		C	Chip core(EFCB322513TS)	[FB15,FB16,FB17,FB18,FB19,FB20,FB21,FB22,FB23]
	RCORF7002BHZZ	AE		C	Chip core(EFCB322513TS)	[FB25,FB26,FB27,FB28]
31	RCRSP6676RCZZ	AG		B	X-TAL(32.768KHz)	[X1]
32	RCRSZ2400RCZZ	AH		B	X-TAL(12MHz)	[X3]
33	RH-iX3145YAZZ	AZ		B	1M SRAM(HYNIX HY628100BLLG-70)	[IC4,IC6]
35	VCCCCY1HH101J	AA		C	Capacitor(50WV 100pF/1608Type/CH)	[C30,C62,C67]
	VCCCCY1HH101J	AA		C	Capacitor(50WV 100pF/1608Type/CH)	[C9,C10,C11,C12,C13,C14]
	VCCCCY1HH101J	AA		C	Capacitor(50WV 100pF/1608Type/CH)	[C15,C16,C90,C91,C92,C95]
36	VCCCCY1HH151J	AA		C	Capacitor(50WV 150pF/1608Type/CH)	[C51,C127]
	VCCCCY1HH151J	AA		C	Capacitor(50WV 150pF/1608Type/CH)	[C1,C2,C3,C4,C5,C6,C7]
	VCCCCY1HH151J	AA		C	Capacitor(50WV 150pF/1608Type/CH)	[C8,C19,C20,C21,C22,C23]
	VCCCCY1HH151J	AA		C	Capacitor(50WV 150pF/1608Type/CH)	[C24,C25,C26,C27,C28,C42,C50]
37	VCCCCY1HH180J	AA		C	Capacitor(50WV 18pF)	[C17]
38	VCCCCY1HH270J	AA		C	Capacitor(50WV 27PF)	[C18]
39	VCCCCY1HH300J	AB		C	Capacitor(50WV 30PF)	[C29]
40	VCCCCY1HH331J	AB		C	Capacitor(50WV 330pF)	[C52,C54,C71,C77,C44]
	VCCCCY1HH331J	AB		C	Capacitor(50WV 330pF)	[C57,C58,C59,C60,C61]
41	VCEAGA1CW226M	AB		C	Capacitor(22μF/16V)	[C89]
42	VCEAGA1CW337M	AB		C	Capacitor(16WV 330μF)	[C114]
43	VCEAGA1CW476M	AB		C	Capacitor(16WV 47μF)	[C115]
44	VCEAGA1HW106M	AA		C	Capacitor(50WV 10μF)	[C64,C69,C81,C82,C83,C86,C104]
45	VCEAGA1HW107M	AA		C	Capacitor(50WV 100μF)	[C128]
46	VCEAGD1CW108M	AE		C	Capacitor(16WV 1000μF)	[C113]
47	VCEAGU1HW227M	AC		C	Capacitor(50WV 220μF)	[C112,C121]
48	VCEAGU1HW228M	AH		C	Capacitor(50WV 2200μF)	[C122]
49	VCEAGU1HW478M	AL		C	Capacitor(50WV 4700μF)	[C111]
50	VCEAGU1VW228M	AG		C	Capacitor(35WV 2200μF)	[C73]
51	VCKYCY1HB102K	AA		C	Capacitor(50WV 1000pF)	[C79,C106,C107,C119]
	VCKYCY1HB102K	AA		C	Capacitor(50WV 1000pF)	[C70,C108,C109,C110]
52	VCKYCY1HB103K	AA		C	Capacitor(50WV 0.01μF/1608Type/B)	[C120]
53	VCKYCY1HF104Z	AA		C	Capacitor(50WV 0.10μF)	[C39,C63,C68,C75,C76,C100,C101,C103,C116,C45]
	VCKYCY1HF104Z	AA		C	Capacitor(50WV 0.10μF)	[C32,C38,C49,C55,C65,C66,C84,C85,C88,C93,C94]
	VCKYCY1HF104Z	AA		C	Capacitor(50WV 0.10μF)	[C96,C97,C102,C105,C126,C129]
54	VCKYTV1CF105Z	AB		C	Capacitor(16WV 1μF)	[C130]
55	VCQYNA1HM333K	AA		C	Capacitor(50WV 0.033μF)	[C117]
56	VHD1SR159//-1	AF		B	Chip diode(1SR159-200)	[D12,D13]
	VHD1SR159//-1	AF		B	Chip diode(1SR159-200)	[D20]
57	VHD1SS355//-1	AB		B	Diode(1SS355)	[D2,D5,D8]
	VHD1SS355//-1	AB		B	Diode(1SS355)	[D3,D6,D9,D17,D18,D19]
58	VHDCP301///-1	AL		B	Diode(CP301)	[BD1]
59	VHDRB060L//-1	AK		B	Diode(RB060L40)	[D11]
60	VHDRB160L60-1	AF		B	Diode(RB160L-60)	[D15]
61	VHEPTZ6.2A/-1	AH		B	Zener diode(PTZ6.2A)	[ZD2]
62	VHEUDZ5.1B/-1	AC		B	Zener diode(UDZ5.1B)	[ZD1A]
	VHEUDZ5.1B/-1	AC		B	Zener diode(UDZ5.1B)	[ZD3A]
63	VHi2574NADJ-1	AW		B	IC(2574NADJ)	[IC30]
64	VHi28F004BV-1	AV		B	4M Flash(LH28F004BVT-TL85)	[IC11]
65	VHi30620SAF-1	BF		B	CPU(M30620SAFP)	[IC1]
66	VHiBA00ASFP-1	AR		B	IC(BA00ASFP)	[IC23]
67	VHiBA10393F-1	AC		B	IC(BA10393F)	[IC16,IC32]
68	VHiHC245DW+-1	AE	N	B	IC(74HC245)	[IC26,IC28]

5 unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
69	VHiHC273DW+-1	AE	N	B	IC(74HC273)	[IC2]
70	VHiHiN211CA-1	AN		B	IC(HIN211CA)	[IC29]
71	VHiKiA431F/-1	AK		B	IC(KIA431F)	[IC15]
72	VHiKiA7045F-1	AL		B	IC(KIA7045)	[IC34]
73	VHiLV11ANSR-1	AN		B	IC(74LV11)	[IC9]
74	VHiLV138ANS-1	AL		B	IC(74LV138A)	[IC13]
75	VHiPQ1CG2032F	AL		B	IC(PQ1CG2032FZ)	[IC31]
76	VHiSN74HC374D	AL		B	IC(SN74HC374D)	[IC25,IC27]
77	VHi74HC138DR/	AK		B	IC(SN74HC138DR)	[IC24]
78	VHiSTA471A/-1	AK		B	IC(STA471A)	[IC17,IC18]
79	VRG-ST2EJ100J	AC		B	Fuse resistor(1/4W 10Ω ±5%)	[R118]
81	VRS-CY1JD101J	AA		C	Resistor(1/16W 100Ω ±5%)	[R113,R114]
	VRS-CY1JD101J	AA		C	Resistor(1/16W 100Ω ±5%)	[R17,R18,R19,R20,R21,R22,R53,R54,R115,R116,R117]
82	VRS-CY1JD102F	AA		C	Resistor(1/16W 1KΩ ±1%)	[R135]
83	VRS-CY1JD102J	AA		C	Resistor(1/16W 1.0KΩ ±5%)	[R91,R92,R107]
	VRS-CY1JD102J	AA		C	Resistor(1/16W 1.0KΩ ±5%)	[R141]
84	VRS-CY1JD103F	AB		C	Resistor(1/16W 10KΩ ±1%)	[R124]
85	VRS-CY1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%)	[R1,R2,R3,R4,R5,R6,R7,R8,R9,R10,R11,R12,R13]
	VRS-CY1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%)	[R14,R15,R16,R26,R27,R28,R29,R30,R31,R32,R33]
	VRS-CY1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%)	[R34,R35,R36,R37,R38,R40,R44,R46,R47,R63,R64]
	VRS-CY1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%)	[R66,R67,R73,R83,R93,R144,R149,R150]
	VRS-CY1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%)	[R48,R51,R68,R69,R70,R71,R72,R98,R99,R101,R104]
	VRS-CY1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%)	[R142,R143,R145,R146,R147,R148]
86	VRS-CY1JD104J	AA		C	Resistor(1/16W 100KΩ ±5%)	[R88,R89]
87	VRS-CY1JD122F	AB		C	Resistor(1/16W 1.2KΩ ±1%)	[R133]
88	VRS-CY1JD123J	AA		C	Resistor(1/16W 12KΩ ±5%)	[R103]
89	VRS-CY1JD151J	AA		C	Resistor(1/16W 150Ω ±5%)	[R119]
90	VRS-CY1JD163F	AA		C	Resistor(1/16W 16KΩ ±1%)	[R111]
91	VRS-CY1JD181J	AA		C	Resister(1/16W 180Ω ±5%)	[R120]
92	VRS-CY1JD183F	AA		C	Resistor(1/16W 18KΩ ±1%)	[R75]
93	VRS-CY1JD183J	AA		C	Resistor(1/16W 18KΩ ±5%)	[R129,R131]
94	VRS-CY1JD203J	AA		C	Resistor(1/16W 20KΩ ±5%)	[R77]
95	VRS-CY1JD222J	AA		C	Resistor(1/16W 2.2KΩ ±5%)	[R65]
	VRS-CY1JD222J	AA		C	Resistor(1/16W 2.2KΩ ±5%)	[R55,R56,R57,R58,R59,R60,R61,R62]
96	VRS-CY1JD223F	AA		C	Resistor(1/16W 22KΩ ±1%)	[R132]
97	VRS-CY1JD223J	AA		C	Resistor(1/16W 22KΩ ±5%)	[R105]
98	VRS-CY1JD241J	AA		C	Resistor(1/16W 240KΩ ±5%)	[R80]
99	VRS-CY1JD242F	AA		C	Resistor(1/16W 2.4KΩ ±1%)	[R102]
100	VRS-CY1JD272J	AA		C	Resistor(1/16W 2.7KΩ ±5%)	[R127]
101	VRS-CY1JD302F	AA		C	Resistor(1/16W 3KΩ ±1%)	[R134]
102	VRS-CY1JD330J	AA		C	Resistor(1/16W 33Ω ±5%)	[R130]
103	VRS-CY1JD331J	AA		C	Resistor(1/16W 330Ω ±5%)	[R23]
	VRS-CY1JD331J	AA		C	Resistor(1/16W 330Ω ±5%)	[R153]
104	VRS-CY1JD333J	AA		C	Resistor(1/16W 33KΩ ±5%)	[R151,152]
105	VRS-CY1JD362F	AA		C	Resistor(1/16W 3.6KΩ ±1%)	[R112]
106	VRS-CY1JD471J	AA		C	Resistor(1/16W 470Ω ±5%)	[R45,R52]
107	VRS-CY1JD472J	AA		C	Resistor(1/16W 4.7KΩ ±5%)	[R76,R78,R79]
108	VRS-CY1JD473J	AA		C	Resistor(1/16W 47KΩ ±5%)	[R39,R41,R43]
	VRS-CY1JD473J	AA		C	Resistor(1/16W 47KΩ ±5%)	[R42]
109	VRS-CY1JD562J	AA		C	Resistor(1/16W 5.6KΩ ±5%)	[R82,R100]
110	VRS-CY1JD563J	AA		C	Resistor(1/16W 56KΩ ±5%)	[R126]
111	VRS-CY1JD622F	AA		C	Resistor(1/16W 6.2KΩ ±1%)	[R125]
112	VRS-CY1JD912F	AA		C	Resistor(1/16W 9.1KΩ ±1%)	[R123]
113	VRS-CY2AY392J	AA		C	Resistor(1/10W 3.9KΩ ±5%)	[R122]
114	VS2SC2412K/-1	AB		B	Transistor(2SC2412K)	[Q2]
115	VS2SC3198Y/-V	AC		B	Transistor(2SC3198Y)	[Q18]
116	VS2SD2170//-1	AH		B	Transistor(2SD2170)	[Q12]
117	VSKRC111S//-1	AD		B	Transistor(KRC111S)	[Q3,Q4,Q6,Q15]
	VSKRC111S//-1	AD		B	Transistor(KRC111S)	[Q11]
118	VSKTD998///-1	AS		B	Transistor(2SD998)	[Q16]
119	VSMTD2955V+-1	AQ		B	Transistor(MTD2955V)	[Q7]
120	XBPSD30P06000	AA		C	Screw(3×6)	(for IC,TR fixed)[Q16,IC31]
121	VHiFS781BZB-1	AP		B	IC(FS781BZB)	[IC5]
122	VRS-CY1JD332J	AA		C	Resistor(1/16W 3.3KΩ ±5%)	[R49]
	(Unit)					
901	CPWBN2939RC03		N	E	MAIN PWB UNIT	

6 Key I/F PWB unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
1	QCNCW2909BHZZ	AK		C	K/B connector(52045-1245)	[CN3]
2	QCNCW2910BHZZ	AK		C	K/B connector(52044-2245)	[CN4]
3	QCNCW2946BHZZ	AL		C	Key relay connector(40p)(52045-4045)	[CN1]
4	QCNCW7201BH1E	AK		C	Connector(15P)(52806-1510)	[CN2]
5	RC-KZ1054CCN2	AB		C	Capacitor(RPE132-906)(50WV 0.1μF)	[C1,C3,C5]
6	VCEAGU1CW106M	AA		C	Capacitor(16WV 10μF)	[C2]

6 Key I/F PWB unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
7	VCEAGU1CW107M	AB		C	Capacitor(16WV 100μF)	[C4]
8	VCKYPU1HB101K	AA		C	Capacitor(50WV 100PF)(VCKYPA1HB101K)	[C6]
9	VHDDSS133//-1	AA		B	Diode(1SS133)	[D1,D2,D3,D4,D5,D6]
	VHDDSS133//-1	AA		B	Diode(1SS133)	[D7,D8,D9,D10,D11,D12]
10	VHiKiD65083AP	AM		B	IC(KID65083AP)	[IC3]
11	VHiSN74HC138N	AL		B	IC(74HC138)	[IC1,IC2]
12	VRD-HT2EY121J	AA		C	Resistor(1/4W 120Ω ±5%)	[R8,R9,R10,R11,R12,R13,R14]
13	VRD-HT2EY123J	AA		C	Resistor(1/4W 12kΩ ±5%)	[R1,R2,R3,R4,R5,R6,R7]
14	VRD-HT2EY473J	AA		C	Resistor(1/4W 47KΩ ±5%)	[R15,R16,R17,R18,R19,R20,R21,R22,R23,R24]
15	VSKRA101M//-1	AD		B	Transistor(KRA101M)	[Q8,Q9,Q10,Q11,Q12,Q13,Q14]
16	VSKTA1271//-1	AE		B	Transistor(KTA1271)(VS2SA1271-/-1)	[Q1,Q2,Q3,Q4,Q5,Q6,Q7]
	(Unit)					
901	CPWBF2940RC01		N	E	KEY I/F PWB UNT	

7 Pou up PWB unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
1	QCNCW7202BH1E	AK		C	Connector(52807-1510)	[CN1]
2	VHPLA56S2S20C	AQ		B	LED(LA56S2-S2)	[LED6,LED7,LED8]
3	VHPLA56S1S20C	AN		B	LED(LA56S1-S2)	[LED9]
4	VRD-HT2EY270J	AA		C	Resistor(1/4W 27Ω ±5%)	[R1,R2,R3,R4,R5,R6,R7,R8]
	(Unit)					
901	CPWBF2928RCE1		N	E	POP UP PWB UNIT	

8 Articles for consumption

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	TPAPR6645RC05	AY		S	Roll paper(5rolls/pack)

9 Special service tools

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	UKÖG-6705RCZZ	BC		S	RS-232 loop back connector

■ Index

PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	
【C】					
CCABM2588BHZZ	4- 1	BL		D	
CCASP6700BH08	4-501	BK		E	
CDRW-6681BH02	4- 14	BE		D	
CDRW-6683BH01	4-504	BL		E	
CFRM-6701BH01	4- 27	AY		D	
CKNBZ2399BH06	2- 6		N	C	
CPLTM6688BH10	4-502	BH		E	
CPWBF2928RCE1	1- 7		N	E	
〃	7-901		N	E	
CPWBF2940RC01	1- 14		N	E	
〃	6-901		N	E	
CPWBN2939RC03	1- 20		N	E	
〃	5-901		N	E	
CSHEP2943BHSA	2- 8	BD		C	
【D】					
DUNT-1306BHZA	4- 23	AX		E	
DUNTK4595RCZZ	1- 2	BM		E	
DUNTM5818BH01	4-503	BL		E	
【G】					
GBOXD7161BH02	4-901		N	E	
GCABA2572BHZA	1- 48	BC		D	
GCABB2571BHZA	1- 5	BD		D	
GCABB7861RCSA	1- 6	AG	N	D	
GCASP6700BHZC	4- 42	BC		D	
GCASP6701BHZZ	4- 7	AV		D	
GCOVA7147BHSA	4- 15	AT		D	
GCOVB2525BH01	1- 1	AX		D	
GCOVB2526BHZZ	1- 10	AS		D	
GCOVH2530BHZZ	1- 49	AE		D	
GDAi-2347BHZZ	1- 23	AV		D	
【H】					
HDECP2004BHSM	1- 11	AF	N	D	
HPNLH2484BHZZ	1- 9	AY		D	
【J】					
JKNBZ2424BHZZ	2- 1	AG		C	
JKNBZ2425BHZZ	2- 2	AN		C	
【K】					
Ki-OB2017BHZZ	1- 22	CA		E	
Ki-OK2018BH03	2-501		N	E	
【L】					
LANGK7612BHZZ	4- 44	AF		C	
LANGK7613RCZZ	3- 28	AG	N	C	
LANGQ7604RCZZ	2- 12	AD	N	C	
LANGT2849RCZZ	1- 19	AC		C	
〃	5- 1	AC		C	
LBNDJ2003SCZZ	1- 28	AA		C	
LFRM-2366BHZZ	2- 5	BC		D	
LHLDZ6836BHZZ	2- 4	AE		C	
LHLDZ6837BHZZ	2- 3	AE		C	
LKGiM7110BHZZ	3- 12	AE		B	
LKGiM7111BHZZ	3- 12	AE		B	
LKGiM7331BHZZ	3- 11	AE		B	
〃	4- 21	AE		B	
LKGiW0001BHZA	2- 13	AS		B	
LKGiW7330BHZZ	4- 20	AM		B	
LPiN-6650BHZZ	4- 10	AA		C	
LPLTM2368BHZZ	2- 9	AY		C	
LPLTM6708BHZA	4- 36	BC		D	
LPLTM6709BHZZ	4- 2	AS		C	
LPLTP6710BHZZ	4- 9	AK		C	
LPLTP6711BHZZ	4- 43	AP		C	
LPLTP6712BHZZ	4- 6	AK		C	
LX-BZ2189BHZZ	5- 2	AA		C	
LX-BZ6775BHZZ	4- 29	AA		C	
LX-BZ6778BHZZ	4- 33	AA		C	
【M】					
MCAMM6633BHZA	4- 18	AE		C	
MLEVF6695BHZZ	4- 5	AK		C	
MSPRB6751BHZZ	4- 38	AF		C	
MSPRC6712BHZZ	4- 31	AF		C	
MSPRK6718BHZZ	4- 19	AF		C	
MSPRT6713BHZZ	4- 30	AD		C	
MSPRT6714BHZZ	4- 4	AE		C	
【N】					
NGERH2317BHZZ	3- 3	AR		C	
NROLP6650BHZZ	4- 13	AL		C	
〃	4- 39	AL		C	
NROLP6651RCSC	1- 35	AC	N	C	

PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	
【P】					
PFiLW6961RCSG	1- 8	AH		D	
PGiDH2394BHZZ	3- 14	AK		C	
PGUMM2447BHZZ	2- 7	BA		C	
PGUMM6695BHZZ	4- 32	AE		C	
PGUMM6727BHZZ	4- 34	AE		C	
PRDAF2374BHZZ	5- 3	AM		C	
PRDAF2381BHZZ	5- 4	AK		C	
PRNGT6637BHZZ	4- 22	AA		C	
PSHEP3006BHZZ	1- 54	AT		C	
PSHEP6681RCZZ	3- 4	AC		D	
PSKR-6628BHZZ	4- 8	AG		C	
【Q】					
QACCB3120QCPZ	1- 24	AY		B	
QACCE3120BHPZ	1- 24	AS		B	
QACCL1018BHPZ	1- 24	AT		B	
QCNCM1060AC03	5- 5	AB		C	
QCNCM1101BHZZ	5- 6	AC		C	
QCNCM6879RC1F	5- 7	AD		C	
QCNCM7057BHZZ	5- 8	AB		C	
QCNCM7136BHZZ	2- 14	AB		C	
QCNCM7207BH4J	5- 9	AQ		C	
QCNCW1057ACZZ	5- 10	AB		C	
QCNCW2909BHZZ	6- 1	AK		C	
QCNCW2910BHZZ	6- 2	AK		C	
QCNCW2946BHZZ	5- 11	AL		C	
〃	6- 3	AL		C	
QCNCW7081BHZZ	5- 12	AB		C	
QCNCW7201BH1E	6- 4	AK		C	
QCNCW7202BH1E	7- 1	AK		C	
QCNW-3184BHZZ	1- 42	AS		C	
QCNW-3185BHZZ	1- 3	AW		C	
QCNW-3186BHZZ	1- 16	AL		C	
QCNW-3187BHZZ	1- 32	AE		C	
QCNW-3188BHZZ	1- 17	AR		C	
QCNW-3189BHZZ	1- 13	AK		C	
QCNW-3202BHZZ	1- 40	AE		C	
QCNW-7121RCZZ	1- 50	AD		C	
QCNW-7766BHZZ	5- 13	AE		C	
QFS-C2521TAZZ	5- 14	AE		A	
QFSHD2109AFZZ	5- 15	AC		C	
QFS-K2005BHZZ	5- 16	AF		A	
QFS-K2007BHZZ	5- 17	AF		A	
QFS-K2008BHZZ	5- 18	AF		A	
QFS-K2009BHZZ	5- 19	AF		A	
QFS-K2315BHZZ	5- 20	AF		A	
QSOCN2328BHZZ	5- 22	AH		C	
QSOCZ2042SC32	5- 23	AE		C	
QSW-S0744AFZZ	5- 24	AG		B	
QTANZ6661RCZZ	1- 33	AC	N	C	
【R】					
RALMB5006SCZZ	5- 25	AD		B	
RC-EZ106ARC1A	5- 26	AD		C	
RC-EZ2262RC1A	5- 27	AG		C	
RCiLC6653BHZZ	5- 28	AS		C	
RC-KZ1054CCN2	6- 5	AB		C	
RCORF2345BHZZ	5- 29	AD		C	
RCORF7002BHZZ	5- 30	AE		C	
RCRSP6676RCZZ	5- 31	AG		B	
RCRSZ2400RCZZ	5- 32	AH		B	
RH-iX3145YAZZ	5- 33	AZ		B	
RPLUR2320BH01	4- 26	AY		B	
RTRNP2437BHZZ	1- 29	BE		B	
RTRNP2438BHZZ	1- 29	BE		B	
【S】					
SPAKA3189RCZL	3- 2		N	D	
SPAKA3189RCZR	3- 5		N	D	
SPAKA8375BHZZ	4- 41	AD		D	
SPAKC3318RCZZ	3- 1		N	D	
SSAKH3012CCZZ	3- 10	AA		D	
SSAKH3015CCZZ	3- 7	AA		D	
SSAKH4231CCZZ	3- 6	AA		D	
【T】					
TCADH6788BHZA	3- 20	AC		D	
TCADZ2001BHZA	3- 24	AM		D	
TGANE1001BHSA	3- 15	AG		D	
TGANE6642BHSB	3- 15	AG		D	
TiNSM2498RCZZ	3- 8	BC	N	D	
TiNSN7240BHZZ	3- 25	AF		D	
TPAPR6645RC05	8- 1	AY		S	

PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	
【U】					
UBATZ6661BHZZ	1- 31	AS		B	
UBNDA6630BHZZ	3- 26	AK		C	
UKÖG-6705RCZZ	9- 1	BC		S	
【V】					
VCCCCY1HH101J	5- 35	AA		C	
VCCCCY1HH151J	5- 36	AA		C	
VCCCCY1HH180J	5- 37	AA		C	
VCCCCY1HH270J	5- 38	AA		C	
VCCCCY1HH300J	5- 39	AB		C	
VCCCCY1HH331J	5- 40	AB		C	
VCEAGA1CW226M	5- 41	AB		C	
VCEAGA1CW337M	5- 42	AB		C	
VCEAGA1CW476M	5- 43	AB		C	
VCEAGA1HW106M	5- 44	AA		C	
VCEAGA1HW107M	5- 45	AA		C	
VCEAGD1CW108M	5- 46	AE		C	
VCEAGU1CW106M	6- 6	AA		C	
VCEAGU1CW107M	6- 7	AB		C	
VCEAGU1HW227M	5- 47	AC		C	
VCEAGU1HW228M	5- 48	AH		C	
VCEAGU1HW478M	5- 49	AL		C	
VCEAGU1VW228M	5- 50	AG		C	
VCKYCY1HB102K	5- 51	AA		C	
VCKYCY1HB103K	5- 52	AA		C	
VCKYCY1HF104Z	5- 53	AA		C	
VCKYPU1HB101K	6- 8	AA		C	
VCKYTV1CF105Z	5- 54	AB		C	
VCQYNA1HM333K	5- 55	AA		C	
VHD1SR159//-1	5- 56	AF		B	
VHD1SS355//-1	5- 57	AB		B	
VHDCP301///-1	5- 58	AL		B	
VHDDSS133//-1	6- 9	AA		B	
VHDRB060L//-1	5- 59	AK		B	
VHDRB160L60-1	5- 60	AF		B	
VHEPTZ6.2A/-1	5- 61	AH		B	
VHEUDZ5.1B/-1	5- 62	AC		B	
VHi2574NADJ-1	5- 63	AW		B	
VHi28F004BV-1	5- 64	AV		B	
VHi30620SAF-1	5- 65	BF		B	
VHi74HC138DR/	5- 77	AK		B	
VHiBA00ASFP-1	5- 66	AR		B	
VHiBA10393F-1	5- 67	AC		B	
VHiFS781BZB-1	5-121	AP		B	
VHiHC245DW+-1	5- 68	AE	N	B	
VHiHC273DW+-1	5- 69	AE	N	B	
VHiHiN211CA-1	5- 70	AN		B	
VHiKiA431F/-1	5- 71	AK		B	
VHiKiA7045F-1	5- 72	AL		B	
VHiKiD65083AP	6- 10	AM		B	
VHiLV11ANSR-1	5- 73	AN		B	
VHiLV138ANS-1	5- 74	AL		B	
VHiPQ1CG2032F	5- 75	AL		B	
VHiSN74HC138N	6- 11	AL		B	
VHiSN74HC374D	5- 76	AL		B	
VHiSTA471A/-1	5- 78	AK		B	
VHPLA56S1S20C	7- 3	AN		B	
VHPLA56S2S20C	7- 2	AQ		B	
VRD-HT2EY121J	6- 12	AA		C	
VRD-HT2EY123J	6- 13	AA		C	
VRD-HT2EY270J	7- 4	AA		C	
VRD-HT2EY473J	6- 14	AA		C	
VRG-ST2EJ100J	5- 79	AC		B	
VRS-CY1JD101J	5- 81	AA		C	
VRS-CY1JD102F	5- 82	AA		C	
VRS-CY1JD102J	5- 83	AA		C	
VRS-CY1JD103F	5- 84	AB		C	
VRS-CY1JD103J	5- 85	AA		C	
VRS-CY1JD104J	5- 86	AA		C	
VRS-CY1JD122F	5- 87	AB		C	
VRS-CY1JD123J	5- 88	AA		C	
VRS-CY1JD151J	5- 89	AA		C	
VRS-CY1JD163F	5- 90	AA		C	
VRS-CY1JD181J	5- 91	AA		C	
VRS-CY1JD183F	5- 92	AA		C	
VRS-CY1JD183J	5- 93	AA		C	
VRS-CY1JD203J	5- 94	AA		C	
VRS-CY1JD222J	5- 95	AA		C	
VRS-CY1JD223F	5- 96	AA		C	
VRS-CY1JD223J	5- 97	AA		C	
VRS-CY1JD241J	5- 98	AA		C	

PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	
VRS-CY1JD242F	5- 99	AA		C	
VRS-CY1JD272J	5-100	AA		C	
VRS-CY1JD302F	5-101	AA		C	
VRS-CY1JD330J	5-102	AA		C	
VRS-CY1JD331J	5-103	AA		C	
VRS-CY1JD332J	5-122	AA		C	
VRS-CY1JD333J	5-104	AA		C	
VRS-CY1JD362F	5-105	AA		C	
VRS-CY1JD471J	5-106	AA		C	
VRS-CY1JD472J	5-107	AA		C	
VRS-CY1JD473J	5-108	AA		C	
VRS-CY1JD562J	5-109	AA		C	
VRS-CY1JD563J	5-110	AA		C	
VRS-CY1JD622F	5-111	AA		C	
VRS-CY1JD912F	5-112	AA		C	
VRS-CY2AY392J	5-113	AA		C	
VS2SC2412K/-1	5-114	AB		B	
VS2SC3198Y/-V	5-115	AC		B	
VS2SD2170//-1	5-116	AH		B	
VSKRA101M//-1	6- 15	AD		B	
VSKRC111S//-1	5-117	AD		B	
VSKTA1271//-1	6- 16	AE		B	
VSKTD998///-1	5-118	AS		B	
VSMTD2955V+-1	5-119	AQ		B	
【X】					
XBBSC30P06000	1- 12	AA		C	
XBPSD30P06000	5-120	AA		C	
XBPSD40P06K00	4- 28	AA		C	
XEBSD30P08000	1- 15	AA		C	
XEBSD30P12000	1- 38	AA		C	
XHBSD30P04000	1- 37	AA		C	
XHBSD30P18000	1- 21	AA		C	
XHBSD40P08000	4- 35	AA		C	
XHBSD40P25000	1- 25	AB		C	
XHPSC30P08000	4- 37	AA		C	
XHPSD30P08000	4- 46	AA		C	
XHSSD30P06000	4- 16	AA		C	
XJPSD30P06000	1- 39	AA		C	
〃	2- 10	AA		C	
〃	2- 11	AA		C	
XJPSD30P08000	1- 4	AA		C	
XNESD60-50000	4- 12	AA		C	
〃	4- 40	AA		C	
XRESJ40-06000	4- 11	AA		C	
XRESJ50-06000	4- 17	AA		C	
XUBSD40P08000	1- 26	AA		C	
XUPSD30P08000	4- 3	AA		C	

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